

Safety Data Sheet

TS-K784YD

Printing date 12/10/2014

Attachment 6

Reviewed on 12/10/2014

1 Identification**Product identifier**

Trade name: CBI

Article number: CBI

Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.

Details of the supplier of the safety data sheet**Manufacturer/Supplier:**

CBI

Emergency telephone number:

CBI

2 Hazard(s) identification**Classification of the substance or mixture**

GHS05

Skin Corr. 1C H314 Causes severe skin burns and eye damage.

GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).

Signal word Danger

Hazard statements

H314 Causes severe skin burns and eye damage.

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

3 Composition/information on ingredients**Chemical characterization: Substances**

Fluoroalkyl acrylate copolymer

CBI

CBI

7732-18-5 Water

Others

CBI

4 First-aid measures**Description of first aid measures**

General information: Seek medical treatment.

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

Remove contaminated clothes immediately.

Consult a doctor in case of complaints.

After eye contact:

Immediately rinse with a lot of water for several minutes. Remove contact lenses if possible. Continue rinsing.

Consult an ophthalmologist in case of complaints.

After swallowing:

Rinse mouth with water. Do not induce vomiting.

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Consult a doctor in case of complaints.

Most important symptoms and effects, both acute and delayed No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Fire-fighting measures

Extinguishing media

Suitable extinguishing agents: Use fire fighting measures that suit the environment.

Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

Advice for firefighters

Protective equipment:

Wear self-contained breathing apparatus and protective suit.

Do not inhale explosion gases or combustion gases.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Keep out unauthorized persons.

Wear appropriate protective devices (See Section 8 Exposure Controls/ Personal Protection). Avoid contact with eyes and skin.

Do not swallow the product.

Environmental precautions: Prevent seepage into sewage system, workpits and cellars.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

For a large amount of leakage: Enclose with banks to avoid outflow. Lead the leakage to a safe place and collect.

Reference to other sections

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

Precautions for safe handling

Prevent formation of aerosols.

Ensure good ventilation/exhaustion at the workplace.

Do not handle until all safety precautions have been read and understood.

Information about protection against explosions and fires: Keep ignition sources away - Do not smoke.

Conditions for safe storage, including any incompatibilities

Storage:

Information about storage in one common storage facility:

No further information available.

See section 10 for information on incompatible materials.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

Store receptacle in a well ventilated area.

Store locked up.

Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical systems: No further data; see item 7.

Control parameters No further information available.

Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Wash hands before breaks and at the end of work.

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*Do not eat or drink while working.**Keep away from tobacco products.***Breathing equipment:***Use respiratory protective device with filters for organic and acid gas (or airline respirators in some cases), if the product is heated above 200 °C and toxic gases is formed.***Protection of hands:** Protective gloves**Material of gloves:** Rubber gloves**Eye protection:** Safety glasses**Body protection:** Protective work clothing**9 Physical and chemical properties****Information on basic physical and chemical properties****General Information****Appearance:****Form:**

CBI

Color:**Odor:****Odour threshold:**

Not determined.

pH-value:

1.4-5

Melting point/Melting range:

No further information available.

Boiling point/Boiling range:

100 °C (212 °F) (Water)

Undetermined.

Flash point:

Not applicable.

Danger of explosion:

Product does not present an explosion hazard.

Lower:

Not determined.

Upper:

Not determined.

Vapor pressure:

Not determined.

Density:

Not determined.

Solubility in / Miscibility with**Water:**

No further information available.

Partition coefficient (n-octanol/water): No further information available.**Other information**

No further relevant information available.

10 Stability and reactivity**Reactivity****Chemical stability****Thermal decomposition / conditions to be avoided:** To avoid thermal decomposition do not overheat.**Possibility of hazardous reactions:** No dangerous reactions known under normal conditions of use.**Conditions to avoid:** Keep away from heat, sparks, flame, high temperature.**Incompatible materials:** No further relevant information available.**Hazardous decomposition products:** Danger of toxic fluorine based pyrolysis products.**11 Toxicological information****Information on toxicological effects****Acute toxicity:****LD/LC50 values that are relevant for classification:**

Oral LD50 >2000 mg/kg (Rat) (non-GLP)

Primary irritant effect:**on the skin:** Mild Irritant**on the eye:** Mild Irritant.**Sensitization:** No sensitizing effect.**Additional toxicological information:** Corrosive**Carcinogenic categories****IARC (International Agency for Research on Cancer)**

None of the substances is listed.

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Trade name: **CBI****NTP (National Toxicology Program)**

None of the substances is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the substances is listed.

12 Ecological information**Toxicity****Aquatic toxicity:** No further relevant information available.**Persistence and degradability****Biodegradation (Alga)**

Biodegradable non-GLP

Bioaccumulative potential No further relevant information available.**Mobility in soil****Bacteria Acute Tox** >3000mg/L non-GLP**Alga Acute Tox** 12.8mg/L(48Hr) 11.9mg/L(72Hr) non-GLP**Ecotoxicological effects:** no data**Results of PBT and vPvB assessment****PBT:** No further relevant information available.**vPvB:** No further relevant information available.**Other adverse effects** No further relevant information available.**13 Disposal considerations****Waste treatment methods****Recommendation:** Disposal must be made according to official regulations.**Uncleaned packagings:****Recommendation:** Disposal must be made according to official regulations.**14 Transport information****UN-Number****DOT, ADR, ADN, IMDG, IATA** Not applicable**UN proper shipping name****DOT, ADN, IMDG, IATA** Not applicable**ADR** Not applicable**Transport hazard class(es)****DOT, ADR, ADN, IMDG, IATA****Class** Not applicable**Packing group****DOT, ADR, IMDG, IATA** Not applicable**Environmental hazards:****Marine pollutant:** No**Special precautions for user** Not applicable.**Transport in bulk according to Annex II of****MARPOL73/78 and the IBC Code** Not applicable.**Transport/Additional information:**

Avoid direct sunlight. Make sure of no damage, corrosion, leaks on the receptacles.

Take necessary measures for preventing cargo shift.

UN "Model Regulation":

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15 Regulatory information**Safety, health and environmental regulations/legislation specific for the substance or mixture**

No further relevant information available.

Sara**Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

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Proposition 65

Chemicals known to cause cancer:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:

None of the substances is listed.

Chemicals known to cause reproductive toxicity for males:

None of the substances is listed.

Chemicals known to cause developmental toxicity:

None of the substances is listed.

Carcinogenicity categories

EPA (Environmental Protection Agency)

None of the substances is listed.

TLV (Threshold Limit Value established by ACGIH)

None of the substances is listed.

MAK (German Maximum Workplace Concentration)

None of the substances is listed.

NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the substances is listed.

GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms



GHS05

Signal word Danger

Hazard statements

H314 Causes severe skin burns and eye damage.

Precautionary statements

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P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

National regulations: No further information available.

Other regulations, limitations and prohibitive regulations No further information available.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing SDS: CBI

Contact: CBI

Date of preparation / last revision 12/10/2014 / 5

Abbreviations and acronyms:

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

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Trade name: **CBI**

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Skin Corr. 1C: Skin corrosion/irritation, Hazard Category 1C